

ABSTRACT

~~The present invention relates to~~ An embodiment includes
retrieving performance monitor data from an I/O processor. A
performance monitoring driver coupled to a performance monitoring
5 unit ~~is~~ may be registered as a private driver with a real time
operating system of the I/O processor. Events within the I/O
processor ~~are~~ may be selected on which to gather data. The
selected events ~~are~~ may be sent as a message request to the real
time operating system. The message request ~~is~~ may be translated
10 into the appropriate parameters based on a set of private group
parameters that ~~are~~ may be accessible by the real time operating
system. The message request ~~is~~ may be sent as a translated
request to the performance monitoring unit. The pieces of data
requested by the translated request ~~are~~ may be returned to the
15 performance monitoring driver. The pieces of data then ~~are~~ may be
sent to a location specified in the message request.